

REMARKS

Claims 1-10 are pending. By this Amendment, claims 1-10 are amended. The specification and Abstract are replaced with a Substitute Specification and Substitute Abstract.

The attached Appendix includes marked-up copies of the specification (37 C.F.R. §1.125(b)(2)) and each rewritten claim (37 C.F.R. §1.121(c)(1)(ii)).

Prompt and favorable consideration on the merits is respectfully requested.

Respectfully submitted,



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Attachments:

Substitute Abstract  
Appendix  
Substitute Specification  
Marked-up copy of specification

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## APPENDIX

## Changes to Abstract:

The following is a marked-up version of the amended Abstract.

## ABSTRACT

The invention provides~~In providing~~ an electro-optical apparatus with an enhanced~~improved~~ visibility of image in the peripheral region of the active display area, and a method of driving such an electro-optical apparatus. The apparatus includes a ~~the same,~~ a mask signal generating circuit that~~12~~ constantly outputs a mask signal to~~for~~ displaying white. A mask controlling circuit ~~16~~ usually outputs a control signal MS to~~for~~ turning on an analog switch ~~14~~ and turning off an analog switch ~~13~~. Thus, a display signal VS on a terminal ~~10~~ is supplied to a display signal line 5 via the analog switch ~~14~~, whereby an image is displayed on a display panel ~~1~~. Also, the mask controlling circuit ~~16~~, based on a data line driving signal and a scanning line driving signal supplied from a timing pulse generating circuit ~~7~~, detects the timing to~~for~~ drive~~ing~~ each of predetermined pixels in the peripheral region of the display panel ~~1~~, and outputs at the timing a control signal to~~MS for~~ turning off the analog switch ~~14~~ and turning on the analog switch ~~13~~. Thus, white is displayed in the peripheral region of the active display area.

## Changes to Specification:

A Substitute Specification is attached in accordance with 37 C.F.R. 1.125(b)(2).

## Changes to Claims:

The following are marked-up versions of the amended claims:

1. (Amended) An electro-optical apparatus, ~~comprising which comprises~~  
a display panel including a peripheral region and~~comprising~~ a plurality of  
pixels; ~~and~~  
~~a driver that drives~~~~driving means for driving~~ each of the pixels of said display  
panel based on a display signal which is externally supplied; ~~;~~  
~~asaid electro-optical apparatus comprising~~ timing detection device that  
detects~~means for detecting the timing to~~~~for~~ drive~~driving~~ the pixels in the peripheral region of  
said display panel; ~~;~~ ~~and~~  
~~a display controller that outputs~~~~means for outputting~~ a signal to~~for~~ displaying a  
particular color to said driver~~driving means~~ at the timing detected by said timing detection  
device~~means~~.
2. (Amended) An electro-optical apparatus, ~~comprising which comprises~~  
~~a display panel including a peripheral region and~~~~comprising~~ a plurality of  
pixels; ~~and~~  
~~a driver that drives~~~~driving means for driving~~ each of the pixels based on  
display data which is externally supplied corresponding to each of the pixels of said display  
panel; ~~and~~;  
~~asaid electro-optical apparatus comprising~~ display controller that  
output~~control means for outputting~~ to said driver~~driving means~~ display data to~~for~~ displaying  
a particular color as display data to~~for~~ displaying each of the pixels in the peripheral region of  
said display panel.
3. (Amended) An electro-optical apparatus, ~~comprising which comprises~~  
~~a display panel including a peripheral region and~~~~comprising~~ a plurality of  
pixels; ~~;~~  
~~a memory which stores display data corresponding to each of the pixels of said~~  
display panel; ~~;~~

a writing device that writes~~means for writing~~ to said memory display data which is externally supplied;

aand driver that drives~~driving means for driving~~ each of said pixels based on the display data in said memory; and

asaid electro-optical apparatus comprising display control device that  
writes~~means for writing~~ to said memory display data tofor displaying a particular color as display data tofor displaying each of the pixels in the peripheral region of said display panel.

4. (Amended) An electro-optical apparatus, comprising:which comprises  
a display panel including a peripheral region and~~comprising~~ a plurality of pixels;  
a memory which stores display data corresponding to each of the pixels of said display panel;  
a writing device that writes~~means for writing~~ to said memory display data which is externally supplied; and;  
aand driver that drives~~driving means for driving~~ each of said pixels based on the display data in said memory;  
characterized in that display data tofor displaying a particular color beingis stored in advance in a storage area of said memory corresponding to each of the pixels in the peripheral region of said display panel.

5. (Amended) The electro-optical apparatus according to Claim 1 ~~to Claim 4~~, ~~characterized in that~~ each of said pixels being formedis composed of liquid crystal.

6. (Amended) The electro-optical apparatus according to Claim 1 ~~to Claim 5~~, ~~wherein~~ said particular color beingis white.

7. (Amended) A method of driving an electro-optical apparatus which ~~includes~~~~comprises~~ a display panel including~~comprising~~ a plurality of pixels, and a driver that  
drives~~driving means for driving~~ each of the pixels of said display panel based on a display signal which is externally supplied, the method comprising:

~~detecting~~characterized in that the timing ~~to~~for driveing the pixels in the peripheral region of said display panel ~~is detected~~; and in that

~~outputting~~ a signal ~~to~~for displaying a particular color ~~is output~~ to said ~~driver~~driving means at the detected timing.

8. (Amended) A method of driving an electro-optical apparatus which ~~includes~~comprises a display panel ~~including~~comprising a plurality of pixels, and a driver that ~~drives~~driving means for driving each of the pixels based on display data which is externally supplied corresponding to each of the pixels of said display panel, the method comprising:

~~outputting~~characterized in that display data ~~to~~for displaying a particular color ~~is output~~ to said ~~driver~~driving means as display data ~~to~~for displaying each of the pixels in the peripheral region of said display panel.

9. (Amended) A method of driving an electro-optical apparatus which ~~includes~~comprises a display panel ~~including~~comprising a plurality of pixels, a memory which stores display data corresponding to each of the pixels of said display panel, a writing device that writesmeans for writing to said memory display data which is externally supplied, and a driver that drivesdriving means for driving each of said pixels based on the display data in said memory, the method comprising:

~~writing~~characterized in that display data ~~to~~for displaying a particular color is ~~written~~ to said memory as display data ~~to~~for displaying each of the pixels in the peripheral region of said display panel.

10. (Amended) The method of driving an electro-optical apparatus according to Claim 7 to Claim 9, wherein said writing step including writing display data to display a particular color that is white.